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Meteorological Observations made at the Apartments of the Royal Society, LONDON, *by the Assistant Secretary*, Mr. Roberton; *by* Mr. Thompson *at the Garden of the Horticultural Society at* CHISWICK, *near London*; *by* Mr. Veall, *at* BOSTON; *by the* Rev. W. Dunbar, *at Applegarth Manse*, DUMFRIES-SHIRE; *and by the* Rev. C. Clouston, *at Sandwick Manse*, ORKNEY.

Days of Month.	Barometer.								Thermometer.									Wind.					Rain.					Dew-point.
	London: Roy. Soc. 9 a.m.	Chiswick.		Boston. 8½ a.m.	Dumfries-shire.		Orkney, Sandwick.		London: R.S.			Chiswick.		Boston. 8½ a.m.	Dumf.-shire.		Orkney, Sandwick.	London: R.S. 9 a.m.	Chiswick. 1 p.m.	Boston.	Dumfries-shire.	Orkney, Sandwick.	London: R.S. 9 a.m.	Chiswick.	Boston.	Dumfries-shire.	Orkney, Sandwick.	Lond. R.S. 9 a.m.
1842. Dec.		Max.	Min.		9 a.m.	9 p.m.	9½ a.m.	8½ p.m.	Fahr. 9 a.m.	Self-reg. Mx.	Self-reg. Mn.	Max.	Min.		Max.	Min.	9½ a.m.	8½ p.m.											
1.	30·062	30·017	29·997	29·56	29·62	29·50	29·60	29·38	49·7	51·0	43·3	54	52	44	54	39	44	50	se.	s.	calm	sse.	se.	.....	·01	.....	.....	·08	46
2.	30·110	30·079	30·028	29·48	29·58	29·73	29·50	29·62	52·0	55·0	49·8	55	32	55	54	49½	50	46	sse.	s.	sw.	s.	w.	.....	.....	.....	.....	·33	49
3.	30·250	30·382	30·200	29·63	29·94	30·14	29·73	30·00	46·7	56·3	45·5	53	42	43·5	51	47	46	46	s.	sw.	calm	wsw.	w.	.....	.....	.....	.....	.....	46
4.	30·454	30·406	30·341	30·03	30·12	30·04	29·76	29·78	47·7	54·7	44·4	52	39	36·5	49½	43	50	49	w.	s.	calm	s.	s.	.....	.....	.....	.....	·05	47
5.	30·344	30·297	30·212	29·85	29·98	30·01	29·90	30·12	44·7	52·6	44·6	52	39	45	49	47	47	44½	ssw.	sw.	calm	s.	w.	.....	.....	.....	.....	·17	44
6.	30·264	30·223	30·210	29·73	30·03	30·03	30·18	30·06	41·3	50·6	40·8	40	36	40	51	46	41½	43½	sse.	s.	calm	s.	s.	.....	.....	.....	.....	.....	43
7.	30·350	30·333	30·309	29·86	30·06	30·11	29·95	29·91	39·5	42·8	37·8	39	33	42	47½	44½	48	48	w.	s.	calm	s.	s.	.....	·01	.....	.....	.....	38
8.	30·442	30·404	30·389	29·96	30·22	30·28	30·11	30·32	37·3	41·6	36·0	37	31	35	49½	45	50	48	w.	sw.	calm	w.	w.	.....	.....	.....	0·87	.....	39
9.	30·424	30·397	30·282	30·00	30·30	30·22	30·39	30·38	41·7	43·2	36·6	43	36	38·5	48	41½	46	44	w.	se.	calm	ese.	se.	.....	.....	.....	.....	·08	40
10.	30·256	30·265	30·165	29·83	30·07	30·00	30·18	30·03	37·8	45·0	37·5	39	38	43	47	43½	44½	45	se.	s.	calm	ese.	se.	.....	.....	·04	.....	.....	38
11.	30·026	30·017	29·851	29·66	29·82	29·61	29·93	29·80	38·7	40·8	37·3	43	38	38	46½	35½	43	44½	e.	se.	calm	ese.	se.	.....	·32	.....	.....	.....	38
12.	29·820	29·942	29·802	29·34	29·38	29·53	29·42	29·41	50·3	51·5	38·8	57	50	47	53	41	46	49	se.	s.	sw.	s.	se.	·269	·01	·08	.....	.....	43
13.	30·076	30·017	29·999	29·44	29·58	29·60	29·48	29·58	51·6	56·5	38·8	61	42	44	55	50	48	48	se.	s.	calm	s.	s.	.....	.....	.....	.....	·37	48
14.	30·144	30·088	30·073	29·56	29·81	29·72	29·74	29·68	49·8	57·5	49·2	56	36	47	55	48	48	48	s.	s.	calm	e	s.	.....	.....	.....	.....	·06	48
15.	30·164	30·106	30·091	29·55	29·71	29·70	29·49	29·67	48·3	55·0	46·8	56	38	45	56½	51	54	50	s.	s.	calm	s.	s.	.....	.....	.....	.....	·02	46
16.	30·090	30·038	29·952	29·50	29·72	29·51	29·76	29·43	50·0	54·6	47·7	55	48	48	55	46½	44½	46	s.	sw.	calm	s.	s.	.....	·06	.....	0·88	.....	48
17.	30·002	30·170	29·882	29·37	29·59	29·80	29·34	29·56	50·5	55·6	50·2	51	31	49	50	40	43	44½	ssw.	w.	calm	sw.	w.	·050	.....	·06	.....	·12	48
18.	30·314	30·402	30·281	29·75	29·90	30·10	29·73	29·92	39·4	52·6	39·3	47	35	40·5	47	40	43½	42	s.	w.	calm	sw.	w.	.....	.....	.....	.....	·16	42
19.	30·518	30·485	30·448	29·99	30·26	30·12	30·09	29·89	39·3	46·0	39·0	45	35	40·5	47	36½	46½	46	w.	w.	w.	sw.	sw.	.....	·01	.....	.....	·20	40
20.	30·430	30·397	30·312	29·87	30·12	30·11	30·00	29·78	45·7	46·4	39·0	52	46	47	49	44	48	49	s.	sw.	w.	ssw.	sw.	.....	·01	.....	.....	·06	43
21.	30·328	30·268	30·234	29·78	30·10	30·00	29·97	29·80	51·3	51·4	39·0	55	48	51	53	44	48	46	w.	sw.	w.	s.	w.	.....	·01	.....	.....	·02	46
22.	30·194	30·164	29·853	29·59	29·73	29·42	29·36	29·09	50·2	56·3	49·0	54	45	47	52½	45	46	42	s.	w.	w.	s.	sw.	.....	.....	.....	.....	·10	46
23.	29·636	29·614	29·551	29·14	29·27	29·20	28·96	29·00	47·4	53·8	47·6	46	31	46	48	35	37	34	s.	sw.	w.	sw.	s.	·075	·09	.....	0·56	·18	48
24.	29·696	29·794	29·651	29·15	29·40	29·50	29·26	29·43	36·7	47·4	36·2	50	25	37	48	35	40	40	s.	sw.	w.	w.	nw.	·097	.....	.....	.....	·20	39
25.	29·848	29·815	29·659	29·47	29·35	29·15	28·83	28·67	36·7	42·4	35·0	50	48	34	51	31½	47	48½	s.	sw.	calm	sw.	sw.	.....	.....	.....	.....	·36	37
26.	29·566	29·548	29·141	29·07	28·96	29·01	28·67	28·86	48·8	50·3	37·3	51	41	51	50	46	40½	41	s. var.	sw.	sw.	w.	w.	·022	·20	·07	.....	·31	45
27.	29·364	29·661	29·321	28·90	29·11	29·42	29·12	29·32	43·7	50·6	44·6	47	25	43	47	31	40	40	s.	w.	calm	var.	sw.	·161	·01	·63	.....	·19	43
28.	30·030	30·144	29·929	29·53	29·73	29·75	29·61	29·65	35·0	47·0	34·7	43	27	35	45½	30½	41	39½	w.	w.	calm	e.	wnw.	.....	.....	.....	.....	·11	36
29.	30·152	30·174	30·112	29·62	29·61	29·83	29·14	29·80	47·0	48·2	35·4	52	46	48	51	39	46	43½	sw.	w.	w.	sw&w	w.	.....	.....	.....	.....	·11	42
30.	30·222	30·215	30·161	29·64	29·70	29·75	29·38	29·44	52·3	53·3	47·2	55	46	53·5	54	44	45½	45½	s. var.	w.	calm	sw.	sw.	.....	.....	.....	0·60	·59	45
31.	30·144	30·178	30·046	29·45	29·64	29·95	29·45	29·99	51·3	55·4	50·6	54	30	54	51	50	41	34	s. var.	w.	w.	sw.	n.	.....	·02	.....	.....	·57	47
Mean.	30·120	30·130	30·038	29·59	29·755	29·769	29·613	29·657	45·2	50·5	41·9	49·80	38·35	44·1	50·4	42·2	45·27	44·67						Sum. 0·674	0·76	0·88	2·91	4·44	Mean. 44